

BEST AVAILABLE COPY

|            |          |           |     |     |           |          |                             |             |
|------------|----------|-----------|-----|-----|-----------|----------|-----------------------------|-------------|
| 541 US 17. | 09/20/01 | 09/531677 | 375 | 376 | ISSUE CUS | ON FILES | RECEIVED<br>CPE 3, ROOM 915 | TELE NUMBER |
|------------|----------|-----------|-----|-----|-----------|----------|-----------------------------|-------------|

U.S. UTILITY Patent Application

|          |             |
|----------|-------------|
| O.I.P.E. | PATENT DATE |
| SCANNED  | GH(1)O.A. M |

|                 |            |        |          |               |              |
|-----------------|------------|--------|----------|---------------|--------------|
| APPLICATION NO. | CONT/PRIOR | CLASS  | SUBCLASS | ART UNIT 2730 | EXAMINER     |
| 09/531677       | F          | 438375 | 376      | 2825          | WILLIAMS, L. |

Hiroshi Baba

**TITLE**  
Phase comparator and method of controlling power saving operation of the same, and semiconductor integrated circuit

PTO-2040  
12/99

| <b>ISSUING CLASSIFICATION</b> |          |                    |                                   |  |  |
|-------------------------------|----------|--------------------|-----------------------------------|--|--|
| ORIGINAL                      |          | CROSS REFERENCE(S) |                                   |  |  |
| CLASS                         | SUBCLASS | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |  |  |
| 375                           | 376      | 375                | 374                               |  |  |
| INTERNATIONAL CLASSIFICATION  |          | 370                | 280                               |  |  |
| 4030                          | 3/24     |                    |                                   |  |  |
| H04J                          | 3/00     |                    |                                   |  |  |
|                               |          |                    |                                   |  |  |
|                               |          |                    |                                   |  |  |
|                               |          |                    |                                   |  |  |
|                               |          |                    |                                   |  |  |
|                               |          |                    |                                   |  |  |

For continuation on Issue Slip Inside File Jacket

| <input type="checkbox"/> TERMINAL DISCLAIMER   | DRAWINGS   |             |            | CLAIMS ALLOWED             |                      |
|--|--|-------------|------------|----------------------------|----------------------|
|  | Sheets Drwg.   | Figs. Drwg. | Print Fig. | Total Claims               | Print Claim for O.G. |
|  | 15   | 16          | 11         | 11                         | 1                    |
| <input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.                     | Lawrence Williams 1/6/04<br>(Assistant Examiner) (Date)  |             |            | NOTICE OF ALLOWANCE MAILED |                      |
| <input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent No. _____ | STEPHEN CHIN 1/2/04<br>SUPERVISORY PATENT EXAMINE<br>TECHNOLOGY CENTER 2600<br>(Primary Examiner) (Date) |             |            | 1-14-04                    |                      |
| <input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.                              | L. Williams 1/20/04<br>(Legal Instruments Examiner) (Date)   |             |            | ISSUE FEE                  |                      |
|  |  |             |            | Amount Due                 | Date Paid            |
|  |  |             |            | \$1330                     | 1/20/04              |
|  |  |             |            | ISSUE BATCH NUMBER         |                      |
|  |  |             |            | F001                       |                      |

**WARNING:**

The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-438A  
(Rev. 6/99)

FILED WITH:  DISK (CRF)  FICHE  CD-ROM  
(Attached in pocket on right inside flap)

FORMAL DRAWINGS

FIGURAL DRAWINGS

(FACE)

NN